

SIMPLE PORTABLE MINI DISTILLATION APPARATUS FOR THE PRODUCTION OF ESSENTIAL OILS AND HYDROSOLS

ABSTRACT

This invention relates to a simple, convenient, portable mini-distillation apparatus for the production of essential oils and hydrosols, said apparatus is useful to distil essential oils and hydrosols such as rose water, ajowain water from fresh and dried plant material like leaves, flowers, roots and rhizomes by water distillation, water and steam distillations and as an optional, steam distillation can also be performed at atmospheric pressure as well as slightly higher and lower than atmospheric pressure, said apparatus can be heated on brick-clay furnace with small agro-waste, LPG cooking gas, electrically heated stove or kerosene/diesel burner etc. and requires minimum attention during handling; since the apparatus is made of stainless steel and glass, the essential oil distilled is of better quality.